



3GPP TSG RAN Rel-19 workshop
Taipei, June 15 - 16, 2023

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Agenda Item: 5

Views on Rel-19 Full-Duplex evolution

Apple

Rel-19 NR FD Evo | Non-overlapping Sub-bands

- Justification
 - R18 studied full-duplex operation at gNB within a TDD band in non-overlapping sub-bands
- Objectives
 - Specify Signaling and procedure that allow gNB operating full-duplex in non-overlapping sub-bands [RAN1/RAN4]. For example:
 - UL and DL resource allocation in time and frequency for a SBFDD aware UE
 - L1/L2 based UE-to-UE and gNB-to-gNB CLI measurement and reporting
 - Dynamic switching between operation modes
 - Collision handling at the UE side
 - Study and if justified specify requirements for gNB operating full-duplex in overlapping sub-bands [RAN4/RAN1]
 - **Note:**
 - UE remains a half-duplex UE without any new RF and/or demod requirements



